

From: [Jhana Enders](#)
To: Tobias.Richards@westonsolutions.com; Heth.Parnell@WestonSolutions.Com
Subject: Bachman Services Fire [ODEQ Request to EPA for input on numbers for acute/chronic toxicity/Oklahoma River]
Date: 08/20/2012 05:35 PM
Attachments: [2012070471-r.pdf](#)

Please note in the logbook that ODEQ originally asked EPA for the request on toxicity but at the meeting on 08.15.12, it was decided the request was not needed.

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"Nothing in life is to be feared. It is only to be understood." (Marie Curie)

----- Forwarded by Jhana Enders/R6/USEPA/US on 08/20/2012 05:31 PM -----

From: "Hildebrand, Mark" <Mark.Hildebrand@deq.ok.gov>
To: Jhana Enders/R6/USEPA/US@EPA
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Date: 08/14/2012 11:26 AM
Subject: FW: Water Quality numbers for Bachman Services fire

Jhana,

As you know Bachman has pumped virtually all of the water out of the unnamed tributary of the Oklahoma River and the attached samples were from a frac tank that had some of the most contaminated water.

The tributary has since received additional water from groundwater and a small rainfall event. Both DEQ and Bachman collected samples on Friday, August 10th and DEQ expects to have results late Wednesday. We have received ammonia results from these samples and they were less than .1 mg/l which is encouraging.



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DEQ would like to get EPA's input on the numbers for acute and chronic toxicity for fish and wildlife propagation for the warm water aquatic stream (Oklahoma River).

It is inevitable that the dams will need to be removed at some point to allow the unnamed tributary to discharge/be inundated by the Oklahoma River. The chances for rain increase this week and we would like to know that the water is safe.

Any help that EPA could provide will be greatly appreciated.

Thanks!

Mark


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